

Electronic Filing System (EFS) Data
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EFS ID: 14171
Application ID: 09683988
Title of Invention: Process and Composition for
Increasing the Reactivity of Sulfur
Scavenging Oxides
First Named Inventor: Thomas Braga
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-03-08
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 55295
Digital Certificate Holder: cn=Patrick C. Woolley, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: Lco3Sf4J8PBy4i6iOeiudA==
Total Fees Authorized: \$1032.0
Payment Category: DA - Deposit Account
Deposit Account Number: 501662
Deposit Account Name: Patrick C. Woolley



TRANSMITTAL FORM

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Stylesheet Version: 1.0

Submission Type: Utility Patent
Filing

Attorney Docket
Number:

55295



Process and Composition for Increasing the Reactivity of Sulfur Scavenging Oxides

First Named Inventor: Thomas G Braga

SUBMITTED BY

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Attached Files:

declaration	declaration1.tif
declaration	declaration2.tif
patent-assignments	pat55295asgn.xml
fee-transmittal	pat55295fee.xml
bibd-transmittal	pat55295apds.xml
specification	Spc55295.xml

Attached Image File(s):

declaration1.tif

declaration2.tif

11/11/2011 10:00:00 AM
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C:\Users\jdoyle\Documents\pat55295\Spc55295.xml

Comments:

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PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0551-0032

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☒ Declaration
Submitted With Initial
Filing OR ☐ Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number 55295
First Named Inventor Thomas G. Braga

COMPLETE IF KNOWN

Application Number

Filing Date

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**PROCESS AND COMPOSITION FOR INCREASING THE REACTIVITY OF
SULFUR SCAVENGING OXIDES**

the specification of which (Title of the Invention)

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States continuation-in-part application(s) listed below.

Application/Patent Number(s)	Filing/Issue Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
09/882,156 6,251,348	06/15/2001 06/26/2001	

[Page 1 of 2]

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: ☐ A petition has been filed for this unsigned inventor

Given Name Thomas G.	Family Name Braga or Surname
-------------------------	------------------------------------

Inventor's Signature 	Date 02/14/02
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Residence: City St. Louis	State Missouri	Country U.S.A.	Citizenship U.S.
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Mailing Address 4815 Moccasin Drive

City St. Louis	State Missouri	ZIP 63123	Country U.S.A.
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NAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventor

Given Name Delbert C. (Jr.)	Family Name Scranton or Surname
--------------------------------	---------------------------------------

Inventor's Signature 	Date 02/14/02
--------------------------	------------------

Residence: City Chesterfield	State Missouri	Country U.S.A.	Citizenship U.S.
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Mailing Address 14596 Whittington Court

City Chesterfield	State Missouri	ZIP 63017	Country U.S.A.
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☐ Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

[Page 2 of 2]

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 1032

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Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Patrick C. Woolley

Electronic Signature Mark: //pcw//

Date Signed: 20020308

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 9	103	\$ 18	0	\$ 0
Independent Claims: 6	102	\$ 84	3	\$ 252

Subtotal For Extra Claims Fees: \$ 252

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40

APP ID=09683988